

Temperature / Humidity / Wet Bulb / Dew point measuring

Features:

- CE-Mark approval
- Portability and simplicity one-hand operat
- Accurate NTC sensor
- Measures temperature in °C/°F
- Quick response R.H. sensor
- MAX & HOLD function
- Display Back-light
- Dew point and Wet bulb Function
- Average and APO function
- Dual display Temperature & Humidity
- External probe (CHY321)


Model: 321 External Probe

Applications:

- Greenhouses
- HAVC installation and Maintenance
- Office environment
- Labs
- Environmental studies
- Weather monitoring
- Food distribution
- Art galleries/Museums
- Department stores
- Hospitals and clinics
- Printing industry
- Store rooms

Specifications:

Zero: Automatic.

Low battery indication: The "  " is displayed when the battery voltage drops below the operating level.

Measurement rate: 2.5 times/second.

Operating environment: 0°C to 50°C, <70% R.H..

Storage environment: -20°C to 60°C, 0 to 80% R.H. with battery removed from meter.

Accuracy: Stated accuracy at 23°C±5°C, <75% R.H..

Accuracy specification does not include type K thermocouple probe accuracy.

Dimensions: 178mm(H) x 65.5mm(W) x 35mm(D).

Weight: Approx. 320g. (including probe and battery—CHY321)

Weight: Approx. 165g. (including battery—CHY322)

Temperature:

Sensor: Thermistor temperature sensor (NTC)

Range: -20°C to 60°C, -4°F to 140°F

Resolution: 0.1°C / 0.1°F

Accuracy: ±0.5°C	0°C to 45°C
±1°C	-20°C to 0°C, 45°C to 60°C
±1°F	32°F to 113°F
±2°F	-4°F to 32°F, 113°F to 140°F

Relative Humidity:

Sensor: Capacitive humidity sensor

Range: 0% to 100% R.H.

Accuracy: ±2.5% @ 25°C (77°F), 10% to 90% R.H.
±5% @ 25°C (77°F), 0% to 10% R.H., 90% to 100% R.H.

Sensor Response Time for 90% of Total Range: 60sec typical.

Sensor Hysteresis (excursion of 10% to 90% to 10% R.H.): ±1% R.H. typical

